

**UNITED STATES DEPARTMENT OF AGRICULTURE  
Rural Utilities Service  
Washington, DC 20250-1500**

**Time:** 2 p.m., EST, Thursday, April 28, 2005

**TECHNICAL STANDARDS COMMITTEE A  
(TELECOMMUNICATIONS)**

**MEETING #775**

**Summary of Decisions**

1. Ground Rods (Item ai) – Thomas & Betts (Blackburn)

Technical Support Branch (TSB) removed Blackburn's ground rods from the List of Acceptable Materials listings.

2. Fiber Optic Cable (Item oc-d) - OFS (Fortex DT)

Committee A granted RUS acceptance to OFS Brightwave's additional Fortex DT optical cable designs and a manufacturer name change to OFS. The changes will appear on page 1.5.1, as shown on next page.

oc-Fiber Optic Cable

RUS Standard Designations "BFO", "CO", and "UO" (Filled) 7 CFR 1755.900  
 These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.900.

oc-d Dry Filled Multiple Loose Tube Fiber Core Construction<sup>(3)(23)</sup>

RUS Standard SuffixesCable Construction

<u>Manufacturer</u>	<u>E(1)</u>	<u>F(1)</u>	<u>G</u>	<u>H</u>	<u>P(2)</u>	<u>Mode</u> <u>s</u>	<u>m</u>
OFS (8)	Non-armored	Non-armored	Armored	Armored	(X)P-RUS	X	X
	-	-	Light-Armored	Light-Armored	(X)P-RUS	X	X
	Fortex DT non-armored	Fortex DT non-armored	Fortex DT armored	Fortex DT armored		X	-
	-	-	Fortex DT light-armored	Fortex DT light-armored		X	-

**3. Network Elements (Item ene) –Phonetic LC (Switchmaxx™)**

Committee A granted RUS acceptance to Phonetic LC's Switchmaxx™ product, as follows:

**ene – Network Elements**

<b><u>Manufacturer</u></b>	<b><u>Product</u></b>	<b><u>Type Designation</u></b>
Phonetics LC	Switchmaxx™ <sup>(1)</sup>	Service Manager Software

Acceptance expires on **02/28/07.**)

**4. Central Office Equipment (Item pc) – Lucent Technologies (Lucent Compact Switch)**

Committee A granted RUS acceptance to Lucent Technologies' Lucent Compact Switch. We will include this product under the pc - Stored Program Digital Switching Equipment category in the *RUS List of Materials Acceptable for Use on Telecommunications Systems of RUS Borrowers* as follows:

**pc - Stored Program Digital Switching Equipment**

<b><u>Manufacturer</u></b>	<b><u>Base Release</u></b> <sup>(5)</sup>	<b><u>Accepted System Classification</u></b> <sup>(1)</sup>	<b><u>Acceptance</u></b>	<b><u>RST(s)</u></b>
Lucent Technologies	Lucent Compact Switch <sup>(9)</sup>		A A	Lucent Compact Switch <sup>(9)</sup>

**(9)**Systems used for line access for this switch must be included in the *RUS List of Materials Acceptable for Use on Telecommunications Systems of RUS Borrowers* in category ae – Access Equipment.

**5. Splice Closure (Item pl) – 3M (2178-L Series Optic Splice Case)**

Committee A accepted 3M's 2178-LS Series Fiber Optic Splice Case for both aerial and buried fiber optic closures on the RUS List of Materials. The changes will appear on page 2.1.4 as shown below.

2.1.4  
pl

**pl - Splice Closure**

<b><u>Manufacturer</u></b>	<b><u>In-Line</u></b>	<b><u>Butt</u></b>	<b><u>Branch</u></b>	<b><u>Encapsulant</u><sup>(2)</sup></b>	<b><u>Maximum Splice Capacity</u><sup>(8)</sup></b>
<b><u>e - Aerial Splice Closure for Fiber Optic Cables</u><sup>(1)</sup></b>					
3M Company <sup>(7)</sup>	--	FD06	FD06	--	48
	--	FD08	FD08	--	96
	2178S	2178S	2178S	--	96
	2178LS	2178LS	2178LS	--	480
<b><u>f - Buried Splice Closure for Fiber Optic Cables</u><sup>(1)</sup></b>					
3M Company	2178S	2178S	2178S	--	96
	2178LS	2178LS	2178LS	--	480

**6. Serving Area Interface (Item se) – Tyco (Dat@Term)**

Committee granted RUS acceptance to Tyco Electronic's Dat@Term Cross-Connect Terminal Block for Tyco's already listed NGXC Service Area Interface Cabinet Series. The changes will appear on page 2.5.2 as shown below:

**Type BDS Serving Area Interface Cabinet<sup>(4)</sup>**

<b><u>Manufacturer</u></b>	<b><u>Designation</u></b>
	<b><u>Terminal Type</u><sup>(5)</sup></b>
	<b><u>Cabinet Series</u></b>
Tyco Electronics	HubSnap
	Dat@Term
	NGXC <sup>(12)</sup> (16)
	BK/BL <sup>(11)</sup> (16)

## 7. Signs and Stakes (Item sm) – ACP International (Cable Splice, Cable Route, and Warning)

Committee A accepted ACP International's Polydome markers (PD-\*, PDOC) and Fiberglass Composite Pipeline & Cable Line markers (ACP-066\*, ACP-072\*, ACP-078) and Wrap around Markers (DN-32, DN-33, DN-34, DN-35, DN-36) and Poly-V Cable Marker (PV-4, PV-6, PV-12). Their listings on the RUS List of Acceptable Materials will be shown as follows:

### sm - Buried Plant Warning Signs, Stakes and Decal Markings

#### Manufacturer

#### Catalog Number

#### sm-c Signs and Stakes

	<u>Cable Splice</u>	<u>Cable Route</u>	<u>Warning</u>
ACP International <sup>(3)</sup>	PD <sup>(2)</sup> , PDOC <sup>(2)</sup> ACP <sup>(18)</sup> -66, 72, 78 DN <sup>(19)</sup> -32, 33, 34, 35, 36	PD <sup>(2)</sup> , PDOC <sup>(2)</sup> ACP <sup>(18)</sup> -66, 72, 78 DN <sup>(19)</sup> - 32, 33, 34, 35, 36	PD <sup>(2)</sup> , PDOC <sup>(2)</sup> ACP <sup>(18)</sup> -66, 72, 78 DN <sup>(19)</sup> - 32, 33, 34, 35,
36	PV-4, 6, 12	PV-4, 6, 12	PV-4, 6, 12 ACP <sup>(2)</sup> -BM-53

(18) Specify 1 or 2 decals and wording.

(19) Specify by color and wording.

### sm - Buried Plant Warning Signs, Stakes and Decal Markings

#### Manufacturer

#### Catalog Number

#### sm-c Signs and Stakes

#### Mounting Stakes

ACP International	UC <sup>(20)</sup> -8/GR UC <sup>(20)</sup> -8/GLV
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(20) Replace "UC" with "DL" for 1.12 pound and replace "8" with desired length in feet (6.5, 10, etc.).

**8. Cable Markers (Item tm) – TACP International (Fiber Optic Splice Sleeves)**

Committee A granted RUS acceptance to the ACP International's Heat Shrink Fiber Optic Splice Sleeves (DH-1, DH-6, and DH-M).and their listings on the RUS List of Acceptable Materials as follows:

3.2  
04-05  
tm

**tm - Cable Markers****Manufacturer****Catalog Number****Sleeves**

ACP International

DH<sup>(21)</sup>-1

DH-6

DH<sup>(21)</sup>-M

(21) Indicate Heat Shrink Sleeve Length.

**9. Wireless Networks – Licensed (Item wn-I) - iDirect Technologies (Hub & NetModem II plus)**

Committee A granted RUS acceptance to iDirect Technologies' Hub and NetModem equipment. This equipment will be included in the *RUS List of Materials Acceptable for Use on Telecommunications Systems of RUS Borrowers*, as follows:

**wn – Wireless Networks****wn-I Licensed****Manufacturer****Product****Technology**

iDirect Technologies

Hub &amp; NetModem II Plus

VSAT

**Miscellaneous Items**

1. Committee A sent an April 12, 2005 letter to Tellabs North America accepting the name change of AFC to Tellabs for products on the List of Acceptable Materials.

**The Committee scheduled the next meeting for July 7, 2005, at 2 pm, EST.**

Sincerely,

*/s/ Norberto Esteves*

NORBERTO ESTEVES  
Chairman, Technical Standards  
Committee "A" (Telecommunications)  
Advanced Services Division